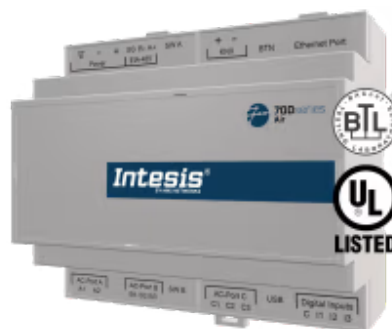


## Midea Commercial & VRF systems to BACnet /IP & MS/TP Application

Item number: IN770AIRXXSO000

The Midea application has been specially designed to allow bidirectional control and monitoring of Midea Commercial and VRF systems from a BMS, SCADA, PLC, or any other device working as a BACnet/IP server or a BACnet MS/TP client. The solution allows the integration of up to 4 indoor units from a single interface.



*Midea to BACnet/IP & MS/TP - Up to 4 Indoor Units*

### Features and benefits

- ✓ **Compatible with any network**  
The interface supports both BACnet/IP and BACnet MS/TP protocols.
- ✓ **Reduce commissioning time**  
Scan the bus and find all the units connected to the VRF system with their control signals. Now, the Midea gateway provides signals from the outdoor units as well.
- ✓ **A gateway for any project's size**  
Choose the license that better fits your needs (XXS - 4 indoor units, S - 16 indoor units, M - 64 indoor units), or upgrade your current license. Your project's dimensions and your budget are covered.
- ✓ **Fast and intuitive project configuration**  
Intesis MAPS is the user-friendly, in-house-developed configuration tool that enables you to maximize the potential of Intesis gateways. Simply select your template and eliminate the need for tedious manual signal mapping.
- ✓ **Minimize the use of installation materials, reduce the installation work**  
The gateway is connected directly to the outdoor units' communication bus. One single gateway enables centralized access to the entire VRF system.
- ✓ **Enable energy efficiency by controlling the building's main consuming asset.**  
The gateway's Power Estimation Algorithm allows you to estimate the energy consumption of each indoor unit present in the VRF system
- ✓ **Avoid compatibility issues**  
This gateway is compatible with Midea V4, V6, and V8 series.
- ✓ **Automatic updates will keep your product high performing**  
Both the Intesis MAPS configuration tool and the interface's firmware can receive automatic updates to improve the product's functionality.

# Midea Commercial & VRF systems to BACnet /IP & MS/TP Application



General	
Net Weight (g)	240
Packed Width (mm)	106
Packed Height (mm)	58
Packed Depth (mm)	90
Packed Weight (g)	310
Operating Temperature °C Min	0
Operating Temperature °C Max	60
Capacity	Up to 4 indoor units.
Installation Conditions	This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit.
AC Model Compatibility	This gateway is compatible with Midea V4, V6, and V8 series.
Content of Delivery	Intesis Gateway, Installation Manual, USB Configuration cable.
Not Included (in delivery)	Power supply not included.
Mounting	DIN rail mount (bracket included), Wall mount
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3 years

Identification and Status	
Product ID	IN770AIRXXSO000_BAC_MID
Country of Origin	Spain
HS Code	8517620000

# Midea Commercial & VRF systems to BACnet /IP & MS/TP Application



## Identification and Status

<b>Export Control Classification Number (ECCN)</b>	EAR99
<b>Purchasing Multiple ERP</b>	1

## Physical Features

<b>LED Indicators</b>	Gateway and communication status.
<b>Push Buttons</b>	Factory reset. I-Am message (for BACnet only). Normal mode/programming mode switch (for KNX only).

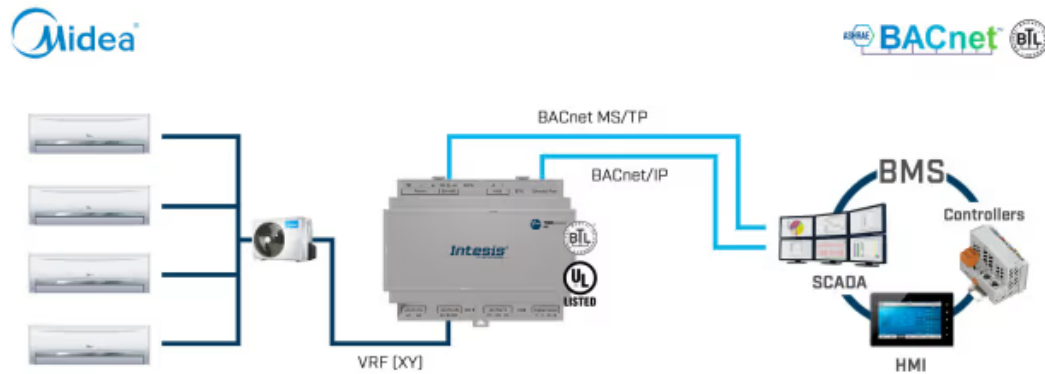
## Certifications and Standards

<b>ETIM Classification</b>	EC001604
<b>WEEE Category</b>	IT and telecommunications equipment

# Midea Commercial & VRF systems to BACnet /IP & MS/TP Application



## Use Case



Integration example.



Use Intesis MAPS to change the protocol: BACnet, Modbus, KNX, or Home Automation